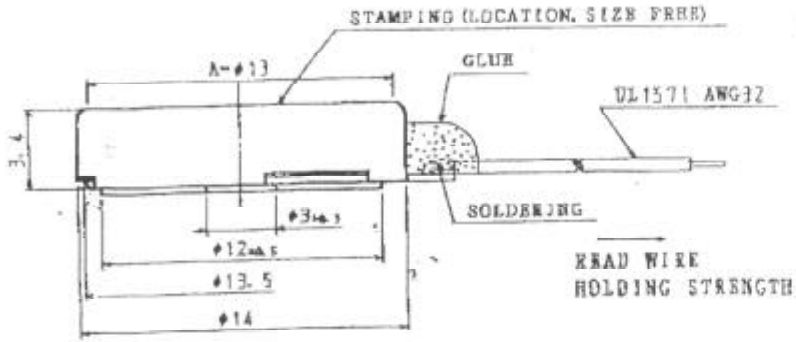
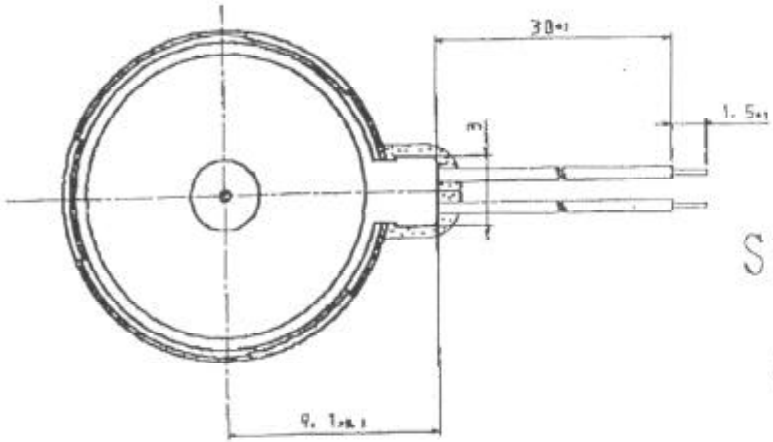
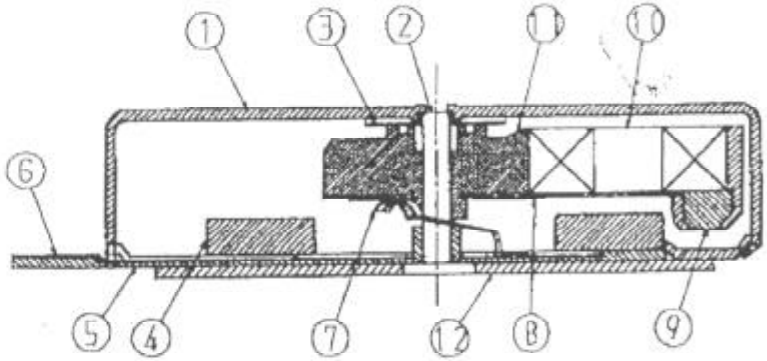
DIMENSIONS





READ WIRE
HOLDING STRENGTH 5.9 [N min.]

INSIDE STRUCTURE DRAWING



	PARTS NAME	MATERIALS
1	CASING	SECC
2	SHAFT	SUS
3	SLIDE PLATE	PLASTIC
4	MAGNET	NEO
5	BRACKET	SECC
6	BRUSH BASE	POLYMIDO t0.1±0.05
7	BRUSH	SPRING
8	COMMUTATOR	GLASS-PLASTIC
9	WEIGHT	NYLON
10	COIL	CUPPER
11	ROTOR	PBT
12	ADHESIVE TAPE	#4000

STAMPING

18000

FM31E PRODUCTION YEAR 8-1998, 9-1999, 0-2000

PRODUCTION WEEK

DRW.	DSN.	CHK.	APP.	TOL. ±0.1	DEG.	MEA. FREE
M. SUZUKI '98.11.05	T. YAMADA '98.11.05	T. YAMADA '98.11.05				

YOKYO PARTS

CODE NO. FM31IE3101710J-FK1

PART NO. FM31IE1D1MRNS1I0NS1

4. Characteristics
性　　能

4-1 Standard operating condition.
標準使用状態及び条件

No.	Items 項　目	Specifications 規　　格
1	Standard voltage 定格電圧	3．0V
2	Direction of rotation 回転方向	CW／CCW
3	Operating voltage range 使用電圧範囲	2．5～3．8V
4	Moving temperature range 動作温度範囲	-20℃～+60℃
5	Storage temperature range 保存温度範囲	－30℃～＋70℃

4-2 Electrical initial characteristics
電気的初期性能

No.	Items 項　目	Conditions 条　　件	Specifications 規　　格
1	Standard rotating speed 定格回転数	At standard voltage. 定格電圧	4500min⁻¹or more 4500min⁻¹ 以上
2	Standard current 定格電流	At standard voltage. 定格電圧	45mA or less 45mA以下
3	Starting current 始動電流	At standard voltage 定格電圧	60mA or less 60mA以下
4	Min. starting voltage 最小始動電圧		2.0V or more 2.0V以上
5	Resistance between terminals モータ端子間抵抗	at 25℃ 25℃にて	85Ω or less 85Ω以下